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       2004:248290 USPATFULL
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       Isolated mammalian membrane protein genes; related reagents
         ***Valladeau, Jenny*** , Lyon, FRANCE
TN
       Ravel, Odile, Lyon, FRANCE
       Bates, Elizabeth Esther Mary, Lyon, FRANCE
       Ford, John, Palo Alto, CA, UNITED STATES
       Saeland, Sem, Lyon, FRANCE
       Lebecque, Serge J.E., Civrieux d'Azergue, FRANCE
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PRAI
                         19970709 (60)
DT
       Utility
FS
       APPLICATION
       SCHERING-PLOUGH CORPORATION, PATENT DEPARTMENT (K-6-1, 1990), 2000
LREP
       GALLOPING HILL ROAD, KENILWORTH, NJ, 07033-0530
CLMN
       Number of Claims: 9
       Exemplary Claim: 1
ECL
       No Drawings
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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       Nucleic acids encoding various lymphocyte cell proteins from mammalian,
       including primate, reagents related thereto, including specific
       antibodies, and purified proteins are described. Methods of using said
       reagents and related diagnostic kits are also provided.
     ANSWER 2 OF 4 USPATFULL on STN 2002:295296 USPATFULL
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ΑN
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       Isolated mammalian membrane protein genes; related reagents
         ***Valladeau, Jenny*** , Lyon, FRANCE
IN
       Ravel, Odile, Lyon, FRANCE
       Bates, Elizabeth Esther Mary, Lyon, FRANCE
       Ford, John, Palo Alto, CA, UNITED STATES
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       Lebecque, Serge J. E., Civrieux d' Azergue, FRANCE
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      Number of Claims: 9
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      Nucleic acids encoding various lymphocyte cell proteins from mammalian,
      including primate, reagents related thereto, including specific
      antibodies, and purified proteins are described. Methods of using said
      reagents and related diagnostic kits are also provided.
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    ANSWER 3 OF 4 USPATFULL on STN
ΑN
      2001:136761 USPATFULL
      Isolated mammalian membrane protein genes; related reagents
ΤI
        ***Valladeau, Jenny*** , Lyons, France
IN
      Ravel, Odile, Lyons, France
      Bates, Elizabeth Esther Mary, Lyons, France
      Ford, John, Palo Alto, CA, United States
      Saeland, Sem, Lyons, France
      Lebecque, Serge J. E., Civrieux d'Azergue, France
      Schering Corporation, Kenilworth, NJ, United States (U.S. corporation)
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EXNAM Primary Examiner: Swartz, Rodney P.
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      Nucleic acids encoding various lymphocyte cell proteins from mammalian,
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       antibodies, and purified proteins are described. Methods of using said
       reagents and related diagnostic kits are also provided.
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TΙ
    Mammalian
       and their production
     with recombinant cells
      ***Valladeau, Jenny***
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IN
     Ford, John; Saeland, Sem; Lebecque, Serge J. E.
PA
     Schering Corporation, USA
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     PCT Int. Appl., 82 pp.
     CODEN: PIXXD2
DT
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    English
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     Human and mouse ***dendritic*** ***cell*** ***membrane***

***proteins*** ( ***DCMP*** ) having similarity with lectins and
    Human and mouse
     asialoglycoprotein receptors are disclosed. Thus, the cDNAs for human and
            ***DCMP1*** and of splice variants of human ***DCMP2***
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     chromosome 12p13.
             THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
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YOU HAVE REQUESTED DATA FROM 4 ANSWERS - CONTINUE? Y/(N):v
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ΑN
       2004:248290 USPATFULL
ΤI
       Isolated mammalian membrane protein genes; related reagents
TN
       Valladeau, Jenny, Lyon, FRANCE
           ***Ravel, Odile*** , Lyon, FRANCE
       Bates, Elizabeth Esther Mary, Lyon, FRANCE
       Ford, John, Palo Alto, CA, UNITED STATES
       Saeland, Sem, Lyon, FRANCE
       Lebecque, Serge J.E., Civrieux d'Azergue, FRANCE
                       A1 20040930
A1 20040421 (10)
       US 2004192892
       US 2004-829107
AΤ
       Division of Ser. No. US 2001-862802, filed on 22 May 2001, GRANTED, Pat.
       No. US 6756478 Division of Ser. No. US 1998-111470, filed on 8 Jul 1998,
       GRANTED, Pat. No. US 6277959
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       Utility
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       APPLICATION ...
      SCHERING-PLOUGH CORPORATION, PATENT DEPARTMENT (K-6-1, 1990), 2000
LREP
       GALLOPING HILL ROAD, KENILWORTH, NJ, 07033-0530
CLMN
      Number of Claims: 9
      Exemplary Claim: 1
ECL.
DRWN
     No Drawings
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LT, LV, FI, RO

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19980708

BR 9811675

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CAS INDEXING IS AVAILABLE FOR THIS PATENT.
       Nucleic acids encoding various lymphocyte cell proteins from mammalian,
       including primate, reagents related thereto, including specific
       antibodies, and purified proteins are described. Methods of using said
       reagents and related diagnostic kits are also provided.
     ANSWER 2 OF 4 USPATFULL on STN
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AN
       2002:295296 USPATFULL
ТT
       Isolated mammalian membrane protein genes; related reagents
       Valladeau, Jenny, Lyon, FRANCE
ΙN
           ***Ravel, Odile*** , Lyon, FRANCE
       Bates, Elizabeth Esther Mary, Lyon, FRANCE
       Ford, John, Palo Alto, CA, UNITED STATES
       Saeland, Sem, Lyon, FRANCE
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RLI
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PRAI
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       SCHERING-PLOUGH CORPORATION, PATENT DEPARTMENT (K-6-1, 1990), 2000
       GALLOPING HILL ROAD, KENILWORTH, NJ, 07033-0530
CLMN
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.
       Nucleic acids encoding various lymphocyte cell proteins from mammalian,
       including primate, reagents related thereto, including specific
       antibodies, and purified proteins are described. Methods of using said
       reagents and related diagnostic kits are also provided.
     ANSWER 3 OF 4 USPATFULL on STN
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ΤI
       Isolated mammalian membrane protein genes; related reagents
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       Valladeau, Jenny, Lyons, France
           ***Ravel, Odile*** , Lyons, France
       Bates, Elizabeth Esther Mary, Lyons, France
       Ford, John, Palo Alto, CA, United States
       Saeland, Sem, Lyons, France
       Lebecque, Serge J. E., Civrieux d'Azergue, France
PΑ
       Schering Corporation, Kenilworth, NJ, United States (U.S. corporation)
PΤ
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       US 1997-53080P
                           19970709 (60)
DT
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       GRANTED
EXNAM Primary Examiner: Swartz, Rodney P.
LREP
       McLaughlin, Jaye
CLMN
      Number of Claims: 16
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DRWN
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LN.CNT 2904
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB
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       including primate, reagents related thereto, including specific
       antibodies, and purified proteins are described. Methods of using said
       reagents and related diagnostic kits are also provided.
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                                            ***DCMP2***
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     Valladeau, Jenny; ***Ravel, Odile*** ; Bates, Elizabeth Esther Mary;
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     Ford, John; Saeland, Sem; Lebecque, Serge J. E.
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Schering Corporation, USA

LN.CNT 3026

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     Human and mouse
       ***proteins*** ( ***DCMP*** ) having similarity with lectins and
     asialoglycoprotein receptors are disclosed. Thus, the cDNAs for human and
     mouse ***DCMP1*** and of splice variants of human ***DCMP2***
     cloned and sequenced. The genes for these proteins mapped to human
     chromosome 12p13.
             THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
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YOU HAVE REQUESTED DATA FROM 6 ANSWERS - CONTINUE? Y/(N):y

ANSWER 1 OF 6 USPATFULL on STN

SO

PCT Int. Appl., 82 pp.

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2004:248290 USPATFULL
AN
       Isolated mammalian membrane protein genes; related reagents
TΤ
IN
       Valladeau, Jenny, Lyon, FRANCE
       Ravel, Odile, Lyon, FRANCE
           ***Bates, Elizabeth Esther Mary*** , Lyon, FRANCE
       Ford, John, Palo Alto, CA, UNITED STATES
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ΑI
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RI.T
       Division of Ser. No. US 2001-862802, filed on 22 May 2001, GRANTED, Pat.
       No. US 6756478 Division of Ser. No. US 1998-111470, filed on 8 Jul 1998,
       GRANTED, Pat. No. US 6277959
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PRAI
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FS
       SCHERING-PLOUGH CORPORATION, PATENT DEPARTMENT (K-6-1, 1990), 2000
LREP
       GALLOPING HILL ROAD, KENILWORTH, NJ, 07033-0530
CLMN
       Number of Claims: 9
ECL
       Exemplary Claim: 1
      No Drawings
DRWN
LN.CNT 3026
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
       Nucleic acids encoding various lymphocyte cell proteins from mammalian,
AB
       including primate, reagents related thereto, including specific
       antibodies, and purified proteins are described. Methods of using said
       reagents and related diagnostic kits are also provided.
     ANSWER 2 OF 6 USPATFULL on STN
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AN
       Isolated mammalian membrane protein genes; related reagents
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       Quan, Ahn B., Palo Alto, CA, UNITED STATES
           ***Bates, Elizabeth Esther Mary*** , Lyon, FRANCE
       Gorman, Daniel M., Newark, CA, UNITED STATES
       Saeland, Sem, Lyons, FRANCE
       Lebecque, Serge J. E., Civrieux d' Azergue, FRANCE
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CLMN
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       Nucleic acids encoding various lymphocyte cell proteins from a primate,
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       proteins are described. Methods of using said reagents and related
       diagnostic kits are also provided.
     ANSWER 3 OF 6 USPATFULL on STN
L6
       2002:295296 USPATFULL
AN
       Isolated mammalian membrane protein genes; related reagents
ΤI
       Valladeau, Jenny, Lyon, FRANCE
TN
       Ravel, Odile, Lyon, FRANCE
           ***Bates, Elizabeth Esther Mary*** , Lyon, FRANCE
       Ford, John, Palo Alto, CA, UNITED STATES
       Saeland, Sem, Lyon, FRANCE
       Lebecque, Serge J. E., Civrieux d' Azergue, FRANCE-
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FS
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LREP
       SCHERING-PLOUGH CORPORATION, PATENT DEPARTMENT (K-6-1, 1990), 2000
       GALLOPING HILL ROAD, KENILWORTH, NJ, 07033-0530
CLMN
       Number of Claims: 9
ECL.
       Exemplary Claim: 1
DRWN
       No Drawings
LN.CNT 2466
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
       Nucleic acids encoding various lymphocyte cell proteins from mammalian,
       including primate, reagents related thereto, including specific
       antibodies, and purified proteins are described. Methods of using said
       reagents and related diagnostic kits are also provided.
     ANSWER 4 OF 6 USPATFULL on STN
L6
       2001:136761 USPATFULL
AN
TΙ
       Isolated mammalian membrane protein genes; related reagents
IN
       Valladeau, Jenny, Lyons, France
       Ravel, Odile, Lyons, France
           ***Bates, Elizabeth Esther Mary*** , Lyons, France
       Ford, John, Palo Alto, CA, United States
       Saeland, Sem, Lyons, France
       Lebecque, Serge J. E., Civrieux d'Azergue, France
       Schering Corporation, Kenilworth, NJ, United States (U.S. corporation)
PΑ
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PΙ
       US 6277959
       US 1998-111470
                               19980708 (9)
ΑI
PRAI
       US 1997-53080P
                           19970709 (60)
DΤ
       Utility
FS
       GRANTED
EXNAM Primary Examiner: Swartz, Rodney P.
LREP
      McLaughlin, Jaye
       Number of Claims: 16
CLMN
ECL
       Exemplary Claim: 1
DRWN
       No Drawings
LN.CNT 2904
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
       Nucleic acids encoding various lymphocyte cell proteins from mammalian,
       including primate, reagents related thereto, including specific
       antibodies, and purified proteins are described. Methods of using said
       reagents and related diagnostic kits are also provided.
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     1999:614130 CAPLUS
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                                                     ***membrane***
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    Mammalian
       ***proteins*** and their cDNA sequences and diagnostic uses
     Chalus, Lionel; Quan, Ahn B.; ***Bates, Elizabeth Esther Mary***;
     Gorman, Daniel M.; Saeland, Sem; Lebecque, Serge J. E.; Philipps, Joseph
     H., Jr.
PΑ
     Schering Corporation, USA
     PCT Int. Appl., 89 pp.
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    Nucleic acids encoding various SDCMP (Schering ***dendritic***
      thereto, including specific antibodies, and purified proteins are
     described. Sequence anal. suggests that these SDCMPs are members of the
     lectin/asialoglycoprotein superfamily of receptors. Human SDCMP3
     (initially designated lectin 73) is a type II membrane protein, with the
     transmembrane segment running from Ser-22 to Thr-42 and a C-type lectin
     domain corresponding to Cys-79 to Arg-162. The murine homolog of SDCMP3
     includes a mannose recognition motif in its carbohydrate recognition
     domain, as well as the consensus WND sequence characteristic of
     sugar-binding proteins. Human SDCMP4 (initially designated lectin 47) is
     also a type II membrane protein with two forms, the short form
     corresponding to a deletion of 46 amino acids from the extracellular
     domain of the long form which may result from an alternative splice event.
     Human SCDMP3 expression is restricted to myeloid cells, being obsd. in
     CDla-derived dendritic cells, monocytes, and macrophages. The gene
     encoding human SDCMP3 is localized at chromosome 12p12-13. Methods of
     using said reagents and related diagnostic kits are also provided.
    ANSWER 6 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN
ΑŃ
     1999:64835 CAPLUS
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    130:152569
    Mammalian ***dendritic*** ***cell*** ***membrane***
      ***proteins*** ***DCMP1*** and ***DCMP2*** and their production
     with recombinant cells
    Valladeau, Jenny; Ravel, Odile; ***Bates, Elizabeth Esther Mary*** ;
     Ford, John; Saeland, Sem; Lebecque, Serge J. E.
PΑ
     Schering Corporation, USA
     PCT Int. Appl., 82 pp.
SO
     CODEN: PIXXD2
DΤ
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                                           APPLICATION NO.
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                                                       ***membrane***
    Human and mouse
     ***proteins*** ( ***DCMP*** ) having similarity with lectins and
     asialoglycoprotein receptors are disclosed. Thus, the cDNAs for human and
     mouse ***DCMP1*** and of splice variants of human ***DCMP2*** were
    cloned and sequenced. The genes for these proteins mapped to human
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RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

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E4 10 FORD JOHN A/AU
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       2004:248290 USPATFULL
ΑN
ΤI
       Isolated mammalian membrane protein genes; related reagents
TN
       Valladeau, Jenny, Lyon, FRANCE
       Ravel, Odile, Lyon, FRANCE
       Bates, Elizabeth Esther Mary, Lyon, FRANCE
            ***Ford, John*** , Palo Alto, CA, UNITED STATES
       Saeland, Sem, Lyon, FRANCE
       Lebecque, Serge J.E., Civrieux d'Azergue, FRANCE
                         A1 20040930
A1 20040421 (10)
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PT
       US 2004-829107
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       Division of Ser. No. US 2001-862802, filed on 22 May 2001, GRANTED, Pat. No. US 6756478 Division of Ser. No. US 1998-111470, filed on 8 Jul 1998,
RLI
       GRANTED, Pat. No. US 6277959
       US 1997-53080P
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DΤ
       Utility
FS
       APPLICATION
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SCHERING-PLOUGH CORPORATION, PATENT DEPARTMENT (K-6-1, 1990), 2000

Nucleic acids encoding various lymphocyte cell proteins from mammalian, including primate, reagents related thereto, including specific antibodies, and purified proteins are described. Methods of using said

GALLOPING HILL ROAD, KENILWORTH, NJ, 07033-0530

reagents and related diagnostic kits are also provided.

Isolated mammalian membrane protein genes; related reagents

\*\*\*Ford, John\*\*\* , Palo Alto, CA, UNITED STATES

Lebecque, Serge J. E., Civrieux d' Azerque, FRANCE

LREP

CLMN

DRWN

LN.CNT 3026

ECL.

L8 AN TT

- T-N

Number of Claims: 9

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 2 OF 4 USPATFULL on STN 2002:295296 USPATFULL

Saeland, Sem, Lyon, FRANCE

Valladeau, Jenny, Lyon, FRANCE-Ravel, Odile, Lyon, FRANCE

Bates, Elizabeth Esther Mary, Lyon, FRANCE

Exemplary Claim: 1

No Drawings

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       Utility
       APPLICATION
FS
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       SCHERING-PLOUGH CORPORATION, PATENT DEPARTMENT (K-6-1, 1990), 2000
       GALLOPING HILL ROAD, KENILWORTH, NJ, 07033-0530
CLMN
      Number of Claims: 9
ECL
       Exemplary Claim: 1
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LN.CNT 2466
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      Nucleic acids encoding various lymphocyte cell proteins from mammalian,
      including primate, reagents related thereto, including specific
       antibodies, and purified proteins are described. Methods of using said
       reagents and related diagnostic kits are also provided.
    ANSWER 3 OF 4 USPATFULL on STN
      2001:136761 USPATFULL
AN
TI
       Isolated mammalian membrane protein genes; related reagents
IN
      Valladeau, Jenny, Lyons, France
      Ravel, Odile, Lyons, France
      Bates, Elizabeth Esther Mary, Lyons, France
          ***Ford, John*** , Palo Alto, CA, United States
       Saeland, Sem, Lyons, France
      Lebecque, Serge J. E., Civrieux d'Azergue, France
PA
      Schering Corporation, Kenilworth, NJ, United States (U.S. corporation)
PΤ
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AΤ
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PRAI
      US 1997-53080P
                         19970709 (60)
DΤ
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      GRANTED
EXNAM Primary Examiner: Swartz, Rodney P.
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      McLaughlin, Jaye
      Number of Claims: 16
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ECL
DRWN
      No Drawings
LN.CNT 2904
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      Nucleic acids encoding various lymphocyte.cell proteins from mammalian,
      including primate, reagents related thereto, including specific
      antibodies, and purified proteins are described. Methods of using said
      reagents and related diagnostic kits are also provided.
    ANSWER 4 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN
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IN Valladeau, Jenny; Ravel, Odile; Bates, Elizabeth Esther Mary; ***Ford, ***
 *** John***; Saeland, Sem; Lebecque, Serge J. E.
   Schering Corporation, USA
PA
    PCT Int. Appl., 82 pp.
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                                            ***cell***
                                                           ***membrane***
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     asialoglycoprotein receptors are disclosed. Thus, the cDNAs for human and
     mouse ***DCMP1*** and of splice variants of human ***DCMP2***
     cloned and sequenced. The genes for these proteins mapped to human
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              THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
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       2004:248290 USPATFULL
       Isolated mammalian membrane protein genes; related reagents
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       Valladeau, Jenny, Lyon, FRANCE
       Ravel, Odile, Lyon, FRANCE
       Bates, Elizabeth Esther Mary, Lyon, FRANCE
       Ford, John, Palo Alto, CA, UNITED STATES
***Saeland, Sem*** , Lyon, FRANCE
       Lebecque, Serge J.E., Civrieux d'Azergue, FRANCE
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       US 2004-829107
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       No. US 6756478 Division of Ser. No. US 1998-111470, filed on 8 Jul 1998,
       GRANTED, Pat. No. US 6277959
PRAI
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       SCHERING-PLOUGH CORPORATION, PATENT DEPARTMENT (K-6-1, 1990), 2000
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19990208

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A1

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      Number of Claims: 9
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.
       Nucleic acids encoding various lymphocyte cell proteins from mammalian,
       including primate, reagents related thereto, including specific
       antibodies, and purified proteins are described. Methods of using said
       reagents and related diagnostic kits are also provided.
L10 ANSWER 2 OF 6 USPATFULL on STN
       2003:232754 USPATFULL
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ΤI
       Isolated mammalian membrane protein genes; related reagents
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       Chalus, Lionel, Chessy les Mines, FRANCE
       Quan, Ahn B., Palo Alto, CA, UNITED STATES
       Bates, Elizabeth Esther Mary, Lyon, FRANCE
       Gorman, Daniel M., Newark, CA, UNITED STATES
           ***Saeland, Sem*** , Lyons, FRANCE
       Lebecque, Serge J. E., Civrieux d' Azergue, FRANCE
       Phillips, Joseph H., JR., Palo Alto, CA, UNITED STATES
                         A1 20030828
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       APPLICATION
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      Number of Claims: 21
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LN.CNT 2947
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      Nucleic acids encoding various lymphocyte cell proteins from a primate,
       reagents related thereto, including specific antibodies, and purified
       proteins are described. Methods of using said reagents and related
       diagnostic kits are also provided.
   ANSWER 3 OF 6 USPATFULL on STN
AN
       2002:295296 USPATFULL
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       Isolated mammalian membrane protein genes; related reagents
ΤN
       Valladeau, Jenny, Lyon, FRANCE
       Ravel, Odile, Lyon, FRANCE
       Bates, Elizabeth Esther Mary, Lyon, FRANCE
       Ford, John, Palo Alto, CA, UNITED STATES
           ***Saeland, Sem*** , Lyon, FRANCE
       Lebecque, Serge J. E., Civrieux d' Azergue, FRANCE
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LREP
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.
       Nucleic acids encoding various lymphocyte cell proteins from mammalian,
       including primate, reagents related thereto, including specific
       antibodies, and purified proteins are described. Methods of using said
       reagents and related diagnostic kits are also provided.
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Isolated mammalian membrane protein genes; related reagents

L10 ANSWER 4 OF 6 USPATFULL on STN

2001:136761 USPATFULL

AN

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       Valladeau, Jenny, Lyons, France
       Ravel, Odile, Lyons, France
       Bates, Elizabeth Esther Mary, Lyons, France
       Ford, John, Palo Alto, CA, United States
       ***Saeland, Sem*** , Lyons, France
Lebecque, Serge J. E., Civrieux d'Azergue, France
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       Schering Corporation, Kenilworth, NJ, United States (U.S. corporation)
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                          B1 20010821
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       US 1997-53080P
                           19970709 (60)
PRAT
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FS
       GRANTED
EXNAM
      Primary Examiner: Swartz, Rodney P.
LREP
      McLaughlin, Jave
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      Number of Claims: 16
       Exemplary Claim: 1
ECL
      No Drawings
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       Nucleic acids encoding various lymphocyte cell proteins from mammalian,
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       including primate, reagents related thereto, including specific
       antibodies, and purified proteins are described. Methods of using said
       reagents and related diagnostic kits are also provided.
L10 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN
AN
     1999:614130 CAPLUS
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     131:239485
                 ***dendritic***
                                     ***cell***
                                                     ***membrane***
       ***proteins*** and their cDNA sequences and diagnostic uses
IN
     Chalus, Lionel; Quan, Ahn B.; Bates, Elizabeth Esther Mary; Gorman, Daniel
           ***Saeland, Sem*** ; Lebecque, Serge J. E.; Philipps, Joseph H.,
PΑ
     Schering Corporation, USA
     PCT Int. Appl., 89 pp.
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     Nucleic acids encoding various SDCMP (Schering
                                                      ***dendritic***
                                          ***proteins*** ), reagents related
                     ***membrane***
     thereto, including specific antibodies, and purified proteins are
     described. Sequence anal. suggests that these SDCMPs are members of the
     lectin/asialoglycoprotein superfamily of receptors. Human SDCMP3
     (initially designated lectin 73) is a type II membrane protein, with the
     transmembrane segment running from Ser-22 to Thr-42 and a C-type lectin
     domain corresponding to Cys-79 to Arg-162. The murine homolog of SDCMP3
     includes a mannose recognition motif in its carbohydrate recognition
     domain, as well as the consensus WND sequence characteristic of
     sugar-binding proteins. Human SDCMP4 (initially designated lectin 47) is
     also a type II membrane protein with two forms, the short form
     corresponding to a deletion of 46 amino acids from the extracellular
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domain of the long form which may result from an alternative splice event. Human SCDMP3 expression is restricted to myeloid cells, being obsd. in CDla-derived dendritic cells, monocytes, and macrophages. The gene encoding human SDCMP3 is localized at chromosome 12p12-13. Methods of using said reagents and related diagnostic kits are also provided.

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L10 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN
    1999:64835 CAPLUS
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    130:152569
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    Mammalian ***dendritic***
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TΙ
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      with recombinant cells
    Valladeau, Jenny; Ravel, Odile; Bates, Elizabeth Esther Mary; Ford, John;
IN
      ***Saeland, Sem***; Lebecque, Serge J. E.
    Schering Corporation, USA
PΑ
    PCT Int. Appl., 82 pp.
SO
    CODEN: PIXXD2
DΤ
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    English
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                                                                DATE
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                                         ***cell***
                                                       ***membrane***
     ***proteins*** ( ***DCMP*** ) having similarity with lectins and
    asialoglycoprotein receptors are disclosed. Thus, the cDNAs for human and
    mouse ***DCMP1*** and of splice variants of human ***DCMP2***
    cloned and sequenced. The genes for these proteins mapped to human
    chromosome 12p13.
RE.CNT 3
            THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
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       Valladeau, Jenny, Lyon, FRANCE
       Ravel, Odile, Lyon, FRANCE
       Bates, Elizabeth Esther Mary, Lyon, FRANCE
       Ford, John, Palo Alto, CA, UNITED STATES
       Saeland, Sem, Lyon, FRANCE
           ***Lebecque, Serge J.E.*** , Civrieux d'Azergue, FRANCE
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       No. US 6756478 Division of Ser. No. US 1998-111470, filed on 8 Jul 1998,
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.
       Nucleic acids encoding various lymphocyte cell proteins from mammalian,
       including primate, reagents related thereto, including specific
       antibodies, and purified proteins are described. Methods of using said
       reagents and related diagnostic kits are also provided.
L12 ANSWER 2 OF 6 USPATFULL on STN
       2003:232754 USPATFULL
AN
       Isolated mammalian membrane protein genes; related reagents
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IN
       Chalus, Lionel, Chessy les Mines, FRANCE
       Quan, Ahn B., Palo Alto, CA, UNITED STATES
       Bates, Elizabeth Esther Mary, Lyon, FRANCE
       Gorman, Daniel M., Newark, CA, UNITED STATES
       Saeland, Sem, Lyons, FRANCE
           ***Lebecque, Serge J. E.*** , Civrieux d' Azerque, FRANCE
       Phillips, Joseph H., JR., Palo Alto, CA, UNITED STATES
                       A1 20030828
A1 20021011
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       GALLOPING HILL ROAD, KENILWORTH, NJ, 07033-0530
CLMN
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AB
      Nucleic acids encoding various lymphocyte cell proteins from a primate,
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reagents related thereto, including specific antibodies, and purified

proteins are described. Methods of using said reagents and related diagnostic kits are also provided.

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       Isolated mammalian membrane protein genes; related reagents
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       Ravel, Odile, Lyon, FRANCE
       Bates, Elizabeth Esther Mary, Lyon, FRANCE
       Ford, John, Palo Alto, CA, UNITED STATES
       Saeland, Sem, Lyon, FRANCE
           ***Lebecque, Serge J. E.*** , Civrieux d' Azergue, FRANCE
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.
       Nucleic acids encoding various lymphocyte cell proteins from mammalian,
       including primate, reagents related thereto, including specific
       antibodies, and purified proteins are described. Methods of using said
       reagents and related diagnostic kits are also provided.
L12 ANSWER 4 OF 6 USPATFULL on STN AN 2001:136761 USPATFULL
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       Valladeau, Jenny, Lyons, France
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       Ravel, Odile, Lyons, France
       Bates, Elizabeth Esther Mary, Lyons, France
       Ford, John, Palo Alto, CA, United States
       Saeland, Sem, Lyons, France
           ***Lebecque, Serge J. E.*** , Civrieux d'Azergue, France
PA
       Schering Corporation, Kenilworth, NJ, United States (U.S. corporation)
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ΑТ
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EXNAM Primary Examiner: Swartz, Rodney P.
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      Nucleic acids encoding various lymphocyte cell proteins from mammalian,
      including primate, reagents related thereto, including specific
      antibodies, and purified proteins are described. Methods of using said
      reagents and related diagnostic kits are also provided.
L12 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN
ΑN
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      ***proteins*** and their cDNA sequences and diagnostic uses
ΤN
    Chalus, Lionel; Quan, Ahn B.; Bates, Elizabeth Esther Mary; Gorman, Daniel
    M.; Saeland, Sem; ***Lebecque, Serge J. E.***; Philipps, Joseph H.,
    Schering Corporation, USA
PΑ
    PCT Int. Appl., 89 pp.
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     Nucleic acids encoding various SDCMP (Schering ***dendritic***
                                       ***proteins*** ), reagents related
       thereto, including specific antibodies, and purified proteins are
     described. Sequence anal. suggests that these SDCMPs are members of the
     lectin/asialoglycoprotein superfamily of receptors. Human SDCMP3
     (initially designated lectin 73) is a type II membrane protein, with the
     transmembrane segment running from Ser-22 to Thr-42 and a C-type lectin
     domain corresponding to Cys-79 to Arg-162. The murine homolog of SDCMP3
     includes a mannose recognition motif in its carbohydrate recognition
     domain, as well as the consensus WND sequence characteristic of
     sugar-binding proteins. Human SDCMP4 (initially designated lectin 47) is
     also a type II membrane protein with two forms, the short form
     corresponding to a deletion of 46 amino acids from the extracellular
     domain of the long form which may result from an alternative splice event.
     Human SCDMP3 expression is restricted to myeloid cells, being obsd. in
     CDla-derived dendritic cells, monocytes, and macrophages. The gene
     encoding human SDCMP3 is localized at chromosome 12p12-13. Methods of
     using said reagents and related diagnostic kits are also provided.
L12 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN
     1999:64835 CAPLUS
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     130:152569
     Mammalian ***dendritic***
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                                                     ***membrane***
       and their production
     with recombinant cells
     Valladeau, Jenny; Ravel, Odile; Bates, Elizabeth Esther Mary; Ford, John;
     Saeland, Sem; ***Lebecque, Serge J. E.***
     Schering Corporation, USA
     PCT Int. Appl., 82 pp.
SO
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     mouse ***DCMP1*** and of splice variants of human ***DCMP2***
     cloned and sequenced. The genes for these proteins mapped to human
     chromosome 12p13.
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
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     2002:8381 CAPLUS
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ΤI
     mPR (membrane associated progesterone receptor) homologues in plants and
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AIJ
     Choi. Hosoon
     Georgia Institute of Technology, Atlanta, GA, USA
     (2001) 98 pp. Avail.: UMI, Order No. DA3004534
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     From: Diss. Abstr. Int., B 2001, 62(2), 638
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AB
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ΑN
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                 ***dendritic***
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                       ***DCMP1*** and ***DCMP2*** and their production
      ***proteins***
     with recombinant cells
IN
     Valladeau, Jenny; Ravel, Odile; Bates, Elizabeth Esther Mary; Ford, John;
     Saeland, Sem; Lebecque, Serge J. E.
PA
     Schering Corporation, USA
SO
     PCT Int. Appl., 82 pp.
     CODEN: PIXXD2
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    English
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US 1998-111470

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     Human and mouse
                                            ***cell***
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       ***proteins*** ( ***DCMP*** ) having similarity with lectins and
     asialoglycoprotein receptors are disclosed. Thus, the cDNAs for human and
           ***DCMP1*** and of splice variants of human ***DCMP2***
     cloned and sequenced. The genes for these proteins mapped to human
     chromosome 12p13.
              THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
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L15 ANSWER 3 OF 8 USPATFULL on STN
       2004:292283 USPATFULL
ΑN
TΙ
       Methods for monitoring multiple gene expression
       Berka, Randy M., Davis, CA, UNITED STATES
       Rey, Michael W., Davis, CA, UNITED STATES
       Shuster, Jeffrey R., Davis, CA, UNITED STATES
       Kauppinen, Sakari, Smoerum, DENMARK
       Clausen, Ib Groth, Hillerod, DENMARK
       Olsen, Peter Bjarke, Copenhagen, DENMARK
       Novozymes Biotech, Inc., Davis, CA (U.S. corporation)
Novozymes A/S, Inc., Bagsvaerd, DENMARK (U.S. corporation)
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                         A1 20030829 (10)
       US 2003-653047
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       ABANDONED
DΤ
       Utility
FS
LREP
       NOVOZYMES BIOTECH, INC., 1445 DREW AVE, DAVIS, CA, 95616
CLMN
       Number of Claims: 8
ECL
       Exemplary Claim: 1
DRWN
       No Drawings
LN.CNT 19697 ·
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
       The present invention relates to methods for monitoring differential
       expression of a plurality of genes in a first filamentous fungal cell
       relative to expression of the same genes in one or more second
       filamentous fungal cells using microarrays containing filamentous fungal
       expressed sequenced tags. The present invention also relates to
       filamentous fungal expressed sequenced tags and to computer readable
       media and substrates containing such expressed sequenced tags for
       monitoring expression of a plurality of genes in filamentous fungal
L15. ANSWER 4. OF .8 USPATFULL on STN -
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2004:273693 USPATFULL

US 2004214190

Mammalian c-type lectins

Butz, Eric A, Seattle, WA, UNITED STATES Anderson, Dirk M, Seattle, WA, UNITED STATES

A1

20041028

TI

IN PI

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ΑI
       US 2004-492100
                               20040408 (10)
       WO 2002-US31996
                               20021004
PRAI
       US 2001-328026P
                           20011009 (60)
DT
       Utility
FS
       APPLICATION
LREP
       IMMUNEX CORPORATION, LAW DEPARTMENT, 1201 AMGEN COURT WEST, SEATTLE, WA,
       98119
CLMN
       Number of Claims: 44
ECL
       Exemplary Claim: 1
DRWN
       5 Drawing Page(s)
LN.CNT 4312.
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
       The present invention provides novel mammalian C-type lectin
       polypeptides associated with antigen presenting cells. Designated as
       Dendritic Cell C-type Lectins (DCL), the following four novel genes have
       been discovered: DCL 1, DCL 2, DCL 3 and DCL 4, as well as splice
       variants svDCL 2, svDCL 3 and svDCL 4, and a human homologue herein
       designated DCL 5. The present invention provides polynucleotides
       encoding DCL polypeptides, recombinant expression vectors, host cells
       transfected with the recombinant expression vectors, methods of
       producing and isolating the inventive polypeptides and various screening
       assays. Therapeutic compositions and methods of treating various
       diseases are also provided.
L15 ANSWER 5 OF 8 USPATFULL on STN
       2004:248290 USPATFULL
ΑN
ΤI
       Isolated mammalian membrane protein genes; related reagents
IN
       Valladeau, Jenny, Lyon, FRANCE
       Ravel, Odile, Lyon, FRANCE
       Bates, Elizabeth Esther Mary, Lyon, FRANCE
       Ford, John, Palo Alto, CA, UNITED STATES
       Saeland, Sem, Lyon, FRANCE
       Lebecque, Serge J.E., Civrieux d'Azergue, FRANCE
PΙ
       US 2004192892
                         A1
                               20040930
       US 2004-829107
                         A1
                               20040421 (10)
ΑI
       Division of Ser. No. US 2001-862802, filed on 22 May 2001, GRANTED, Pat.
RLI
       No. US 6756478 Division of Ser. No. US 1998-111470, filed on 8 Jul 1998,
       GRANTED, Pat. No. US 6277959
PRAI
       US 1997-53080P
                           19970709 (60)
DT
       Utility
       APPLICATION
FS
LREP
       SCHERING-PLOUGH CORPORATION, PATENT DEPARTMENT (K-6-1, 1990), 2000
       GALLOPING HILL ROAD, KENILWORTH, NJ, 07033-0530
CLMN
       Number of Claims: 9
ECL
       Exemplary Claim: 1
DRWN
       No Drawings
LN.CNT 3026
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
       Nucleic acids encoding various lymphocyte cell proteins from mammalian,
       including primate, reagents related thereto, including specific
       antibodies, and purified proteins are described. Methods of using said
       reagents and related diagnostic kits are also provided.
L15 ANSWER 6 OF 8 USPATFULL on STN
       2002:295296 USPATFULL
ΑN
ΤI
       Isolated mammalian membrane protein genes; related reagents
       Valladeau, Jenny, Lyon, FRANCE
IN
       Ravel, Odile, Lyon, FRANCE
       Bates, Elizabeth Esther Mary, Lyon, FRANCE
       Ford, John, Palo Alto, CA, UNITED STATES
       Saeland, Sem, Lyon, FRANCE
       Lebecque, Serge J. E., Civrieux d' Azergue, FRANCE
       US 2002165346
                          A1
                               20021107
PΙ
       US 6756478
                          B2
                               20040629
       US 2001-862802
AΤ
                         A1
                               20010522 (9)
       Division of Ser. No. US 1998-111470, filed on 8 Jul 1998, PATENTED
RLI
PRAI
       US 1997-53080P
                          19970709 (60)
       Utility ·
DT
       APPLICATION
FS
       SCHERING-PLOUGH CORPORATION, PATENT DEPARTMENT (K-6-1, 1990), 2000
LREP
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GALLOPING HILL ROAD, KENILWORTH, NJ, 07033-0530

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CLMN
       Number of Claims: 9
ECL
       Exemplary Claim: 1
       No Drawings
DRWN
LN.CNT 2466
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
       Nucleic acids encoding various lymphocyte cell proteins from mammalian,
       including primate, reagents related thereto, including specific
       antibodies, and purified proteins are described. Methods of using said
       reagents and related diagnostic kits are also provided.
L15 ANSWER 7 OF 8 USPATFULL on STN
ΑN
       2001:136761 USPATFULL
TI
       Isolated mammalian membrane protein genes; related reagents
TN
       Valladeau, Jenny, Lyons, France
       Ravel, Odile, Lyons, France
       Bates, Elizabeth Esther Mary, Lyons, France
       Ford, John, Palo Alto, CA, United States
       Saeland, Sem, Lyons, France
       Lebecque, Serge J. E., Civrieux d'Azergue, France
٠PA
       Schering Corporation, Kenilworth, NJ, United States (U.S. corporation)
ΡI
       US 6277959
                          В1
                               20010821
ΑT
       US 1998-111470
                               19980708 (9)
PRAI
       US 1997-53080P
                           19970709 (60)
DT
       Utility
FS
       GRANTED
EXNAM
      Primary Examiner: Swartz, Rodney P.
LREP
       McLaughlin, Jaye
CLMN
       Number of Claims: 16
ECL
       Exemplary Claim: 1
DRWN
       No Drawings
LN.CNT 2904
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
       Nucleic acids encoding various lymphocyte cell proteins from mammalian,
       including primate, reagents related thereto, including specific
       antibodies, and purified proteins are described. Methods of using said
       reagents and related diagnostic kits are also provided.
L15 ANSWER 8 OF 8 USPATFULL on STN
       82:26764 USPATFULL
AN
ΤI
       Preparation of cyclopropane carboxylic acid esters
IN
       Milner, David J., Runcorn, England
       Holland, David, Runcorn, England
       Imperial Chemical Industries Limited, London, England (non-U.S.
PA
       corporation)
PΤ
       US 4332962
                               19820601
       US 1981-238950
AΙ
                               19810227 (6)
RLI
       Continuation of Ser. No. US 1979-49322, filed on 18 Jun 1979, now
       abandoned which is a continuation of Ser. No. US 1978-883310, filed on 3
      Mar 1978, now abandoned
       GB 1977-10401
PRAI
                          19770311
      Utility
DT
FS
      Granted
      Primary Examiner: Shippen, Michael L.
EXNAM
LREP
      Cushman, Darby & Cushman
CLMN
      Number of Claims: 6
ECL
      Exemplary Claim: 1
DRWN
      No Drawings
LN.CNT 296
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      Process for the preparation of 3(2,2-dihalovinyl)-2,2-dimethyl
       cyclopropane carboxylic acids, especially permethrin acid ethyl ester,
      by reacting a diazoacetic acid ester with a 1,1-dihalo-4-methyl-1,3-
      pentadiene in the presence of a catalyst comprising a divalent rhodium
      salt of a carboxylic acid or borofluoric acid. The products have
      improved yields and better cis/trans isomer ratios than when the more
      common catalysts, e.g. copper-bronze, are used.
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